

REMARKS

The foregoing amendments and the following remarks are responsive to the Office Action mailed May 15, 2003. Applicant respectfully requests reconsideration of the present application. Claims 1-36 are rejected. Claims 6, 7, 17, 18, 29-31 and 35-36 have been cancelled. Claims 1, 5, 13, 16, 25, 28, and 33 have been amended. New claims 37-45 have been added. Therefore, claims 1-5, 8-16, 19-28, and 32, 33, 34, and 37-45 are presented for examination.

Examiner rejected claims 1-32 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,011,537 issued to Slotznick, in view of U.S. Patent No. 6,037,939 issued to Kashiwagi, et al.

Slotznick discusses reducing wait time for downloading by downloading secondary information when the user requests primary information. In Slotznick, when the primary information is displayed "the portion of the secondary information displayed which is simultaneously displayed with the primary information may be a thumbnail, keyhole or banner image of the full secondary information." (Slotznick, column 4, line 65 to column 5, line 1). When the user selects the secondary information, in Slotznick, "the secondary information is displayed in full size." (Slotznick, column 14, lines 32-37). However, Slotznick does not teach or suggest generating an image. The portion referenced by the Examiner, Figure 4-5 and column 20, lines 58-64, column 21 line 52 to column 22, line 7 discuss using a portion of a secondary page/data, to be displayed with a primary page, and upon selection of the portion of the secondary page/data, displaying the whole secondary page/data.

Kashiwagi discusses interactive data manipulation. Kashiwagi discusses a graphics controller which allows "Reduce overall image" instruction. However,

Kashiwagi does not teach or suggest generating an image based on a first image and additional data.

Claim 1, as amended, recites:

A method comprising:
displaying a first image at a first resolution level;
identifying a location in the first image; and
generating a second image for display at a second resolution level different than the first resolution level in response to user input-via a user input mechanism, wherein generating the second image comprises reusing the first image at the first resolution level and combining data from the first image with additional image data, and further wherein the second resolution level is dependent on a number of utilizations of the user input mechanism.

(Claim 1, emphasis added)

Applicant respectfully submits that Slotznick in view of Kashiwagi does not make claim 1, as amended obvious. Claim 1 claims "generating a second image reusing a first image with the first resolution level." Slotznick does not teach or suggest generating a second image, by combining data from a first image with additional data. Rather, Slotznick discusses downloading a secondary (i.e. second) image, when a primary image is downloaded. Then, a portion of the secondary image is displayed. If the user selects the portion of the secondary image, the full secondary image/data as downloaded is displayed. Slotznick does not teach or suggest generating a secondary image by reusing the prior, different resolution, image. Kashiwagi does not teach or suggest generating a second image with data reuse either. Therefore, claim 1 as amended -- and claims 2-5, 8-12, and 37-40 which depend on it -- are not obvious over Slotznick in view of Kashiwagi.

Similarly, claim 13, as amended, recites:

An article of manufacture comprising at least one recordable medium having executable instructions stored therein which, when executed by a system, cause the system to:
display a first image at a first resolution level;
identify a location in the first image; and
generate a second image for display at a second resolution level different than the first resolution level in response to user input via a user input mechanism, wherein generating the second image comprises reusing the first image at the first resolution level and combining data from the first image with additional image data, and further wherein the second resolution level is dependant on a number of utilizations of the user input mechanism.

As noted above with respect to claim 1, neither Slotznick nor Kashiwagi teach or suggest reusing an image portion with a first resolution for combination with additional data to generate a second image with a different resolution. Therefore, claim 13, and claims 14-16 and 19-24 which depend on it, are not obvious over Slotznick in view of Kashiwagi.

Similarly, claim 25, as amended, recites:

An apparatus comprising:
means for displaying a first image at a first resolution level;
means for identifying a location in the first image; and
means for generating a second image for display at a second resolution level different than the first resolution level in response to user input via a user input mechanism, wherein generating the second image comprises reusing the first image at the first resolution level and combining data from the first image with additional image data, and further wherein the second resolution level is dependant on a number of utilizations of the user input mechanism.

As noted above with respect to claim 1, neither Slotznick nor Kashiwagi teach or suggest reusing an image portion with a first resolution for combination with additional data to generate a second image with a different resolution. Therefore, claim 25, and claims 26-28, 32, and 41-43 which depend on it, are not obvious over Slotznick in view of Kashiwagi.

The examiner further rejected claims 33-36 under 35 U.S.C. §103(a) as being unpatentable over Slotznick, in view of U.S. Patent No. 6,476,831 issued to Wirth, et al.

Wirth discusses visual scrolling feedback. Wirth's system provides a transient overlay which provides visual cues to the user.

Claim 33 recites:

A method for panning images comprising:
displaying a first image at a first resolution level in a display window;
identifying a panning direction in the first image;
moving the image data in the display window in a direction opposite to the panning direction, including creating an area in the display window to display of another portion of the first image; and
generating image data for display in the area of the display window, wherein generating the image data comprises reusing the first image and combining data from the first image with additional image data.

As noted above with respect to claim 1, Slotznick does not teach or suggest reusing an image portion for combination with additional data to generate a second panned image. Wirth does not teach or suggest such a combination either, rather, Wirth teaches a separate overlay. Therefore, claim 33 and 34 are not obvious over Slotznick in view of Wirth.

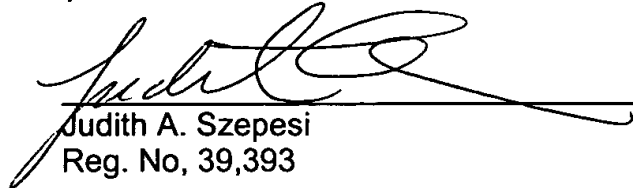
In view of the foregoing amendments and remarks, applicants respectfully submit that all pending claims are in condition for allowance. Such allowance is respectfully requested.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Judith A. Szepesi at (408) 720-8300.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

Date: 9/15 2003


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